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UTILITY

Attorney Docket No.	612.43683X00
First Inventor	BARROUX, CLAIRE
*	LUMPING AND DELUMPING METHOD FOR
Title	DESCRIBING HYDROCARBON-CONTAINING FLUIDS

PATENT APPLICATION TRANSMITTAL		First Inven	tor	BARROUX, CLAIRE							
		Title		LUMPING AND DELUMPING METHOD FOR DESCRIBING HYDROCARBON-CONTAINING FLUIDS							
(Only for	(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mai					· · . ·					
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application contents.					Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450						
1. Z 2. Z 3. Z	(Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27.				7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or						
	-Statement I -Reference t	Regar to sec	ding Fed sponsored R & D uence listing, a table,		c. Statements verifying identity of above copies						
!	or a comput		ogram listing appendix e Invention		AC	ACCOMPANYING APPLICATION PARTS					
		•	f the Invention of the Drawings (<i>if filed</i>)		9. Assi	gnment Papers	s (cover shee	t & documents(s))			
a	-Detailed De-Claim(s) -Abstract of Drawing(s) (or Declaration Newly exercitor (for contition) i. DE Sign Nan 1.63 Application	the D cuted a priculation cuted standard GAI GAI Data	[Total Sheets: 13] [Total Sheets: 13] [Total Sheets:] (original or copy) or application (37 CFR 1.63 (d)) on/divisional with Box 18 completed) ION OF INVENTOR(S) atement attached deleting inventor(s) the prior application, see 37 CFR and 1.33(b) Sheet. See 37 CFR 1.76 PPLICATION, check appropriate box Sheet under 37 CFR 1.76:		10.	CFR 3.73(b) State there is an alish Translation Disclosement (IDS)/PT iminary Amendary Island Bespecification Receipt priority is publication Receipt (2)(B)(i). Application Amendary Amendary III.	atement (issignee) in Document (issignee) in Calaimed) in Quest under 3 ant must attack in Caredit Carellow and in	Power of Attorner if applicable) Copies of IDS Co 2 503) Inent(s) St U.S.C. 122 ch form PTO/SB/35	m, Claim		
Prior ann				·	t (CIP) of prior .	application No.	. .				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under											
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
			19. COF	RRESPOND	ENCE ADDRESS						
⊠ Cus	stomer Numbe	r	020457			-	OR C	orrespondence addr	ess below		
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	Print/Type)	ادا∆	E. Sghiavelli	. Siophone	Registration No. (32,087			
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0032
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FEE TRANSMITTAL for FY 2004	A	pplicat						
ਰੋ for FY 2004	Fi	Filing Date			March 26, 2004			
O. 101 F1 2004	Fi	First Named Inventor			BARROUX, CLAIRE			
Effective 10/01/2003. Patent fees are subject to annual revision.	E:	Examiner Name						
			•					
Applicant claims small entity status. See 37 CFR 1.27	_	rt Unit						
TOTAL AMOUNT OF PAYMENT (\$) 770.00	A	Attorney Docket No. 612.43683X00						
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
☐ Check	3. Al	. ADDITIONAL FEES						
☑ Deposit Account: Deposit			•					
Account 01-2135	Large	Entity	See Bold					
Deposit i	Fee	Fee	Fee	Fee		Fee Paid		
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Name The Director is authorized to: (check all that apply)	1052	50 .	2052		Surcharge – late provisional filing fee or	-		
☐ Charge fee(s) indicated below ☐ Credit any overpayments	,002	50 .	2002		over sheet			
☑ Charge any additional fee(s) during the pendency of this application.	1053	130	1053	130 N	Ion-English specification			
	1812	2,520	1812		or filing a request for ex parte reexamination			
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1804	920*	1804		Requesting publication of SIR prior to examination action			
FEE CALCULATION	1805	1,840	1805	1,840°F	Requesting publication of SIR after			
1. BASIC FILING FEE	1251	110	2251		examiner action Extension for reply within first month			
Large Littly Sman Littly	1252	420	2252		Extension for reply within second month			
Code (\$) Code (\$)	1253	950	2253		Extension for reply within third month			
1001 770 2001 385 Utility filing fee 770.00	1254	1,480	2254		Extension for reply within fourth month			
1003 530 2003 265 Plant filing fee	1255	2,010	2255	1,005 E	xtension for reply within fifth month			
1004 770 2004 385 Reissue filing fee	1401	330	2401	165 N	Notice of Appeal			
1005 160 2005 80 Provisional filing fee	1402	330	2402		iling a brief in support of an appeal			
	1403	290	2403		Request for oral hearing			
SUBTOTAL (1) 770.00	1451	1,510	1451		Petition to institute a public use proceeding			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1452 1453	110 1,330	2452 2453		Petition to revive – unavoidable Petition to revive – unintentional			
Fee from Extra Claims below Fee Paid	1501	1,330	2501		Itility issue fee (or reissue)			
Total Claims 13 -20** = 0 x 18 = 0	1502	480	2502		Design issue fee			
Indep. 1 -3** = 0 x 86 = 0	1503	640	2503		Plant issue fee			
Claims	1406	130	1460	130 F	Petitions to the Commissioner			
Multiple Dependent 290 = 0	1807	50	1807	50 F	Processing fee under 37 CFR 1.17(q)	<u> </u>		
Large Entity Small Entity Fee Fee Fee Fee <u>Fee Description</u>	1806	180	1806	180 S	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Fee <u>Fee Description</u> Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021		Recording each patent assignment per property (times number of properties)			
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809		Filing a submission after final rejection 37 CFR § 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810		For each additional invention to be examined (37 CFR § 1.129(b))			
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1801	770	2801		Request for Continued Examination (RCE)			
and over original patent	1802	900	1802		Request for expedited examination			
SUBTOTAL (2) \$ 0.00				O	of a design application			
**or number previously paid, if greater, For Reissues, see above.	Other	fee (spe	cify)					
and the state of t			*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					
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SUBMITTED BY	Complete (if applicable)							

Registration No. (Attorney/Agent) Name (Print/Type) 32,087 Telephone 703-312-6600 03/26/2004 Signature

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